Specifications

Television System	PAL
Video Recording System	MPEG2 / DV
Image Sensor	1/2.7-inch CMOS, RGB Primary Color Filter
Total Pixels	Approx. 2.96 Megapixels
Effective Pixels	Tape: HD/DV (16:9) mode : Approx 2.07 Megapixels (1920x1080) DV (4:3) Mode : Approx 1.55 Megapixels (1440 x 1080) Card (16:9) Mode : Approx. 2.07 Megapixels (1920 x 1080) (4:3) Mode : Approx. 2.76 Megapixels (1920 x 1440)
Tape Format	HDV / DV
Maximum Recording Time	SP: 80 minutes, HDV, DV LP: 120 minutes DV
Lens	Zoom Ratio : 10x Optical / 200x Digital Focal Length : f=6.1-61 mm (35 mm equivalent: 43.6 - 436 mm) Zoom Speed : Variable / 3 Fixed Zoom Speeds Max. F/Stop : f/1.8-3.0 mm (when tapes are used)
Focusing System	Instant AF, TTL (through the lens)
Manual Exposure	Yes
Programmed AE	Auto, Program, Av, Tv, CINE, Portrait, Sports, Night, Snow, Beach, Sunset, Spotlight, Fireworks
Max Shutter Speed	Movie: 1/2000, Still image: 1/500
Auto Date / Time	Yes
Record Search / Review	Yes
Minimum Focusing Distance	10 mm (wide) / 1m (tele)
White Balance	Auto, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H, Manual
Frame Rate	50i, 25p Progressive (records at 50i)
Minimum Illumination	0.2 lx (Night mode)
Image Stabilization	SuperRange Optical (lens shift)
Filter Diameter	43mm
Viewfinder	Widescreen 0.27-inch Color Viewfinder (approx. 123,000 dots)
LCD Screen	2.7-inch Widescreen LCD (approx. 211,000 dots)
Recording Media	High Definition Mini DV (recommended) (63 min) or MiniDV Cassette
USB Terminal	USB 2.0 Full Speed
Video Terminal	Component (output), Composite (output)
Audio	DV : 16 bit (2ch) 48 kHz 12 bit (4ch) 32 kHz 4ch synchronous recording not possible HDV : MPEG1 Audio Layer II (2 ch) (4-channel playback of tapes containing 4-channel recordings possible)
Accessory Shoe	Advanced
Supplied Video Editing Software	None
HDMI Terminal	HDMI Type A (19 pins) Connector (output)
Microphone Terminal	3.5 mm Stereo Mini-Jack
AV Mini Terminal / Headphone Terminal	3.5 mm 4 Pole Mini-Jack (video / audio input and output)
Dimensions (W x H x D)	88 x 82 x 138mm
Weight (not including battery pack)	535g
Weight (fully loaded)	615g

Package Content

- HV40 Camcorder Body
- Wireless Controller (WL-D87)
- Battery Pack (BP-2L13)
- Component Cable (CTC-100/S)
- Compact Power Adapter (CA-570)
- Interface Cable (IFC-300PCU)
- Stereo Video Cable (STV-250N)
- Digital Video Solution Disc

Canon

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Dealer's Stamp

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LEGRIA

Great movies begin with great images

Canon

Delighting You Always

Your Vision Today
Your Masterpiece Tomorrow

LEGRIA HV40

High Definition HDV Camcorder

DIGIC DV II | 2.96-Megapixel Full HD CMOS | HD Video Lens | 10x Optical Zoom
3.1-Megapixel Stills | SD/SDHC Card Slot | Advanced Accessory Shoe | HDMI Interface

Realize the Filmmaker in You

Show the world your cinematic vision with the Canon LEGRIA HV40 High Definition (HD) camcorder. Designed for the aspiring filmmaker in mind, this high-performance camcorder is powered by the superb DIGIV DV II processor and offers greater customizability for meticulous users. And because the LEGRIA HV40 records on the DV tape format also used by professionals, you have the power and flexibility to create your very own video masterpiece.

Complete Editing Flexibility with MiniDV

The LEGRIA HV40 records videos on MiniDV tape, which offers increased flexibility compared to other recording formats. They are also affordable and can be found in most consumer electronics shops.

Why MiniDV?

- MiniDV tapes are proven industry-standard. Most high-end broadcast camcorders use it for its durability and reliability.
- Can be used for High Definition (HD) and Standard Definition (SD) recording; records stated duration regardless of video quality.
- Edit-friendly format supported by most video-editing software.
- Videos recorded on MiniDV tapes can be converted to other formats suitable for e-mailing or archiving (i.e. AVI Type, MPEG Type).

Shooting Features with A Professional Touch

Innovative Cinema Mode

Lend your videos a cinematic feel during recording with the Cinema mode feature. It uses the same frame rate (PAL: 25P / NTSC: 24P) adopted by professional filmmakers to add a touch of sophistication to your work. A CINE AE mode is also available to give your videos a traditional celluloid film appearance without changing the frame rate.

2.7" Widescreen LCD Display

Review your videos easily on the crystal clear 2.7" LCD (approx. 211,000 dots). The screen can also be swivelled for high or low angle shooting, as well as mirror shooting.

Custom Key

This customizable key can be assigned to any of the following functions for quick access.

- Assist Functions (Zebra / Peaking)
- Marker Display (Horizontal / Grid)
- Backlight Correction (Off / On)
- Magnify (Off / Magn. / Magn. Rec)

Full-Featured Still Shooting

The LEGRIA HV40 can be used to capture photos just like a digital camera. Still shooting features include continuous shooting, exposure compensation, and selectable image size and quality.

Video Light & Flash

The LEGRIA HV40 has a high-powered LED video light that can be used to brighten up subjects when shooting video. A built-in flash does the same when shooting still images.

Advanced Accessory Shoe

An advanced accessory shoe enables you to expand the functionality of the LEGRIA HV40. Connect a more powerful video light for better low light shooting or a stereo microphone for improved audio recording.

HDMI Connectivity

When the camcorder is connected to any HDMI-compatible TV display via its HDMI interface, it will analyze the unit's capabilities and configure it to best display your videos.

High-Speed Video & Still Transfer

After shooting is completed, a FireWire IEEE1394 interface lets you transfer your videos to a computer in double-quick time. A USB 2.0 full speed terminal does the same for still image transfers.

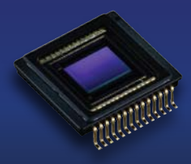
Superior Technology for Better Videos

DIGIC DV II Image Processor

The LEGRIA HV40 uses the advanced DIGIC DV II processor to carry out high-speed processing of HD video data. An onboard noise reduction system gives you cleaner, sharper images while precise color reproduction and a wide tonal range means your videos look convincingly lifelike.

Full HD CMOS Sensor

A Full HD CMOS sensor with 1920 x 1080 recording pixels captures high-resolution imagery with fine detail with minimal noise even in low light conditions. Working in tandem with the DIGIC DV II, this state-of-the-art sensor delivers impeccable image quality guaranteed to impress even the most meticulous viewer.



Instant AF System

The Instant AF System combines an external AF sensor with Canon's legendary auto focus system for fast and accurate focusing that meets the demanding requirements of HD video.

Genuine Canon HD Video 10x Optical Zoom Lens

HD Video Lens

To achieve the maximum potential of the Full HD CMOS, a Canon HD video lens with aspherical lens elements is used to ensure image reproduction accuracy. A gradation Neutral Density (ND) filter helps to prevent blown highlights, while a powerful 10x optical zoom range lets you get up-close and personal to your subjects easily.

1x Optical Zoom

10x Optical Zoom

Super Range Optical Image Stabilizer

By combining electronic shake detection with gyros that move the lens to correct the path of incoming light, Super Range Optical Image Stabilizer ensures extremely steady videos over a wide frequency range.

Without OIS

With OIS